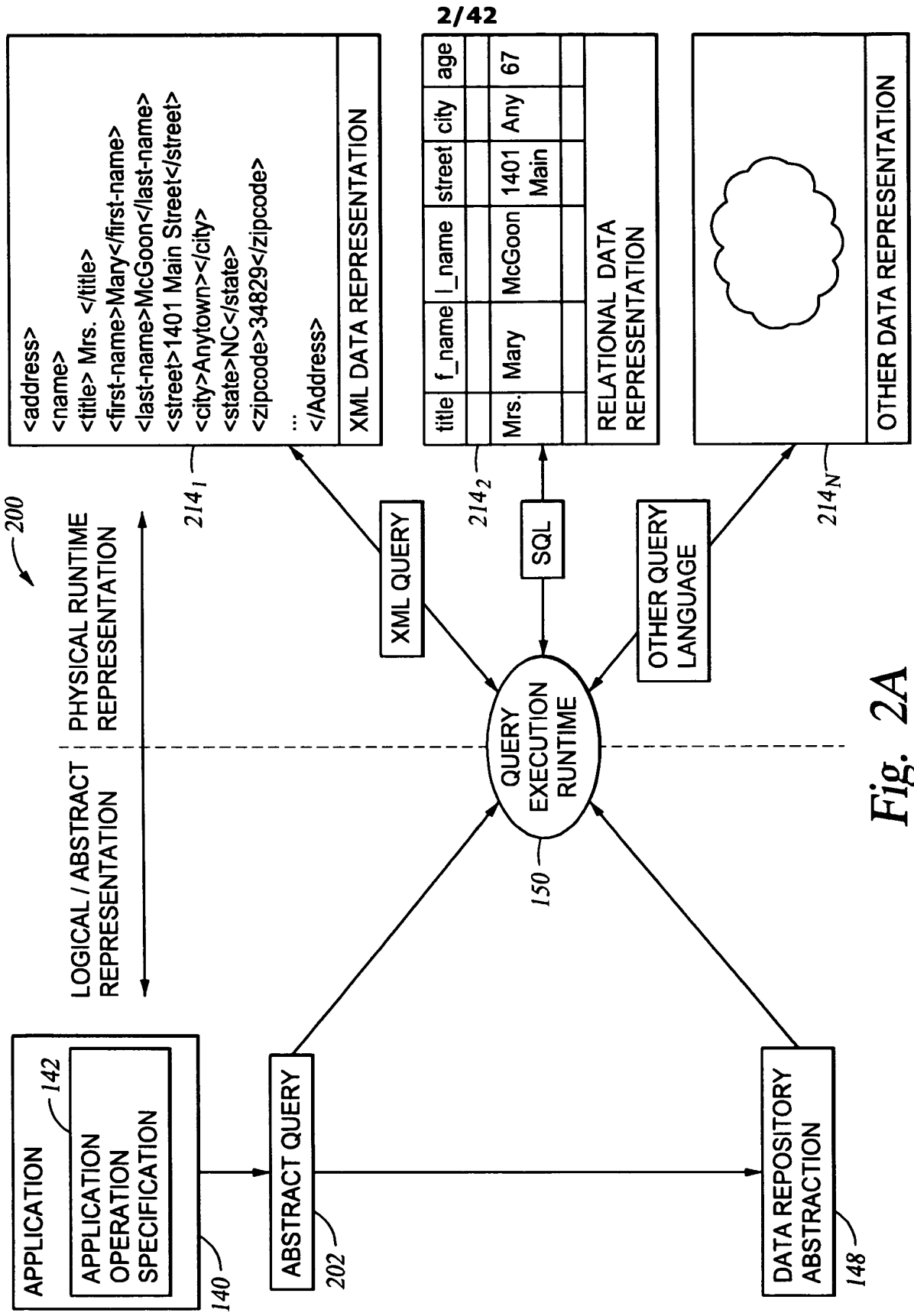


Fig. 1



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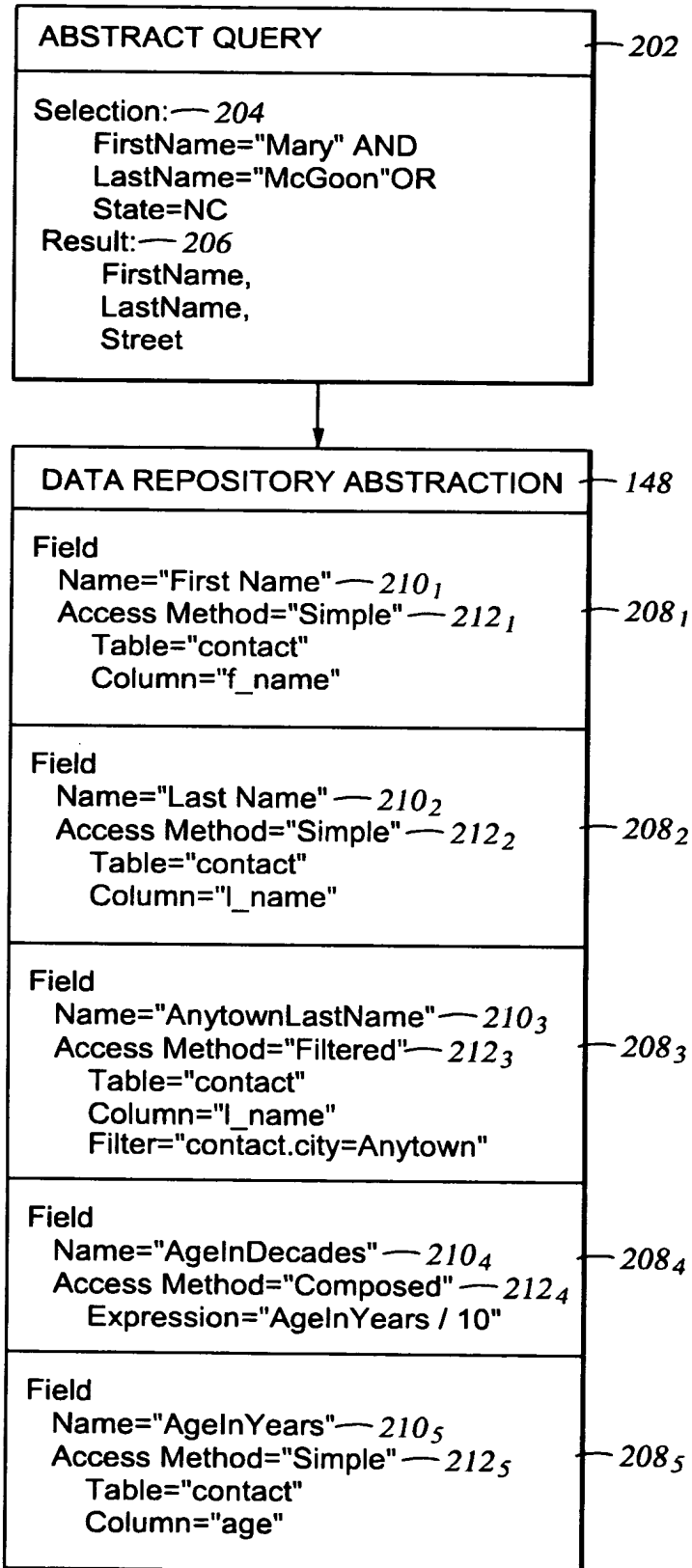
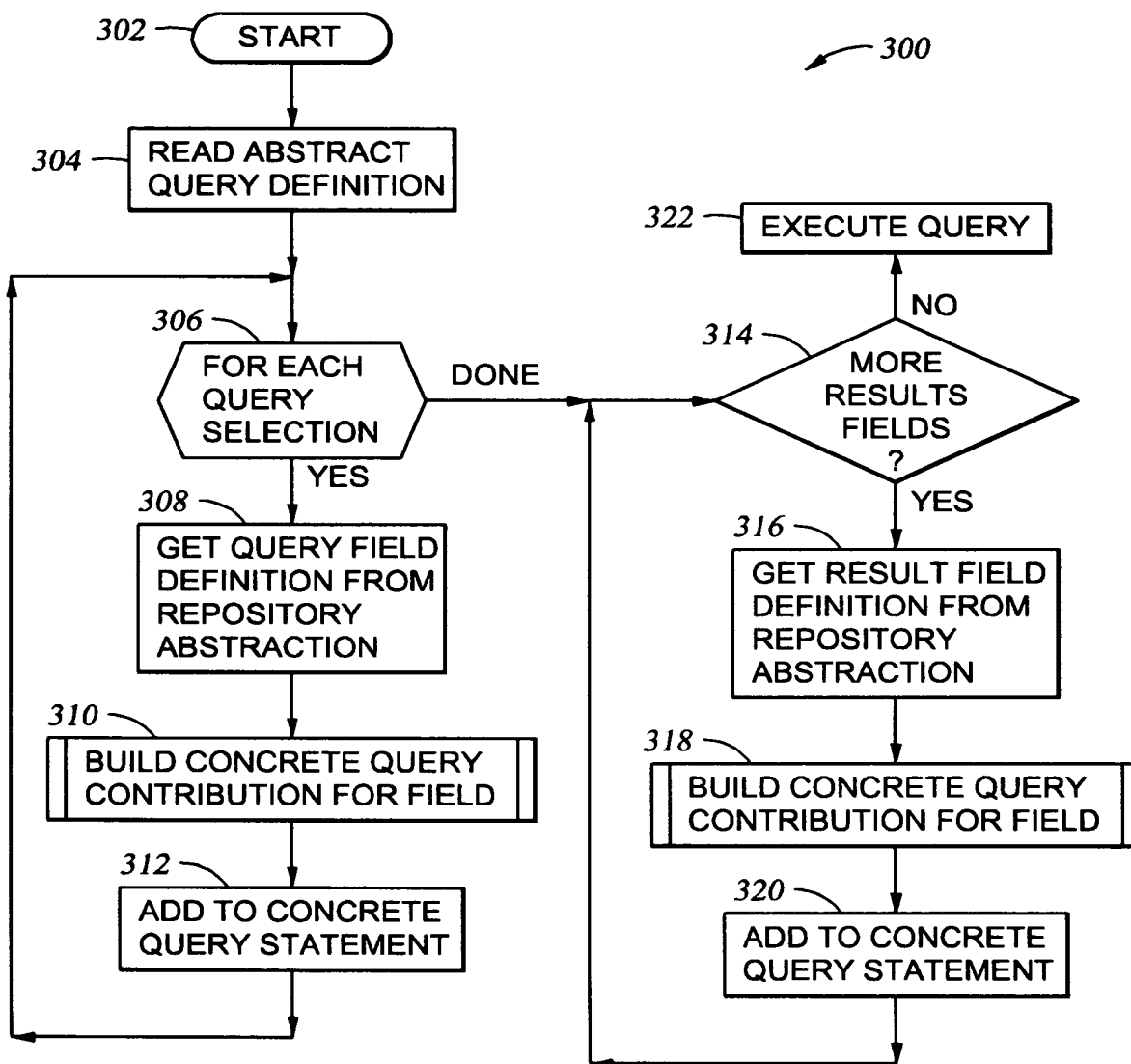


Fig. 2B

*Fig. 3*

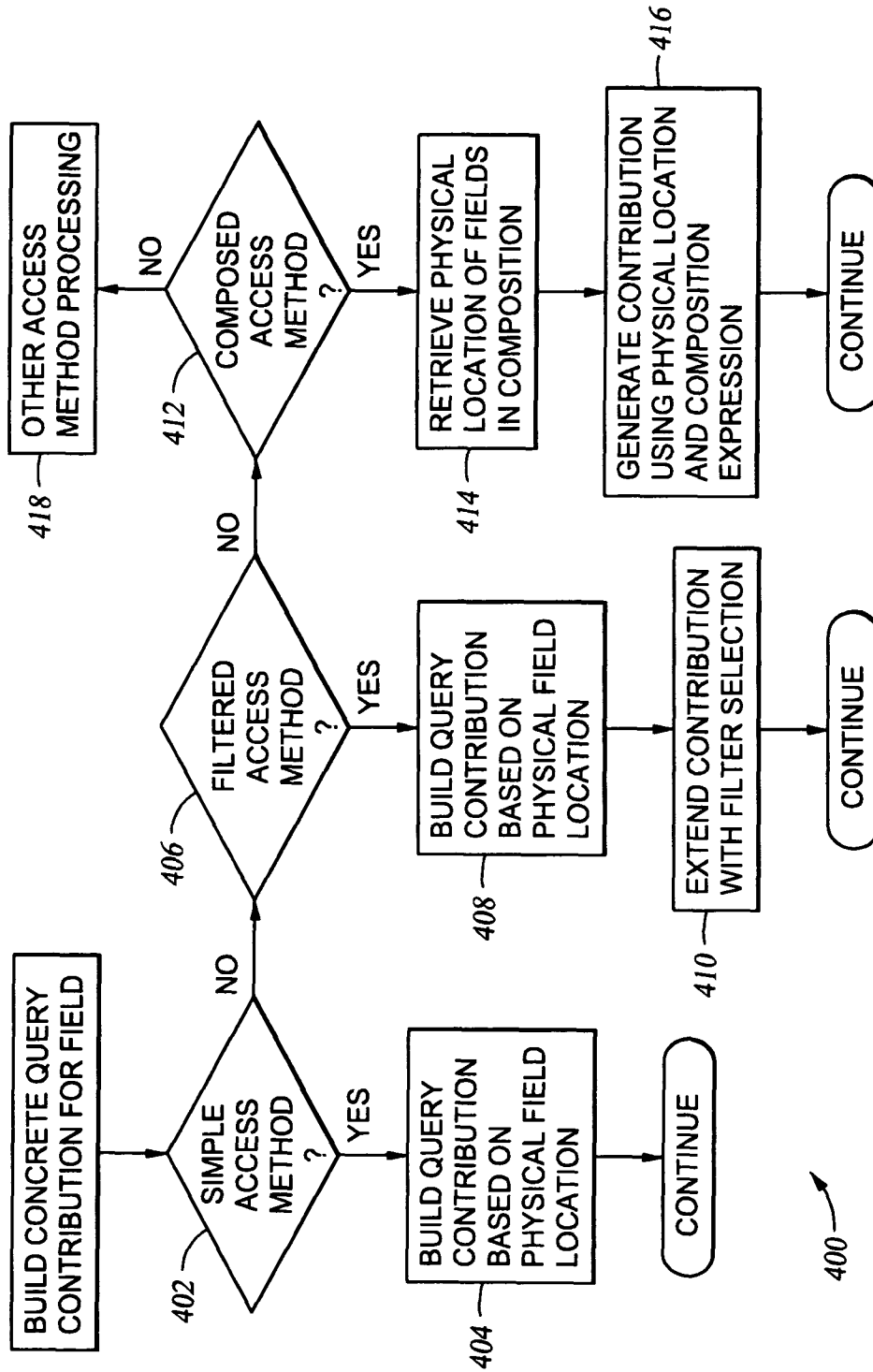
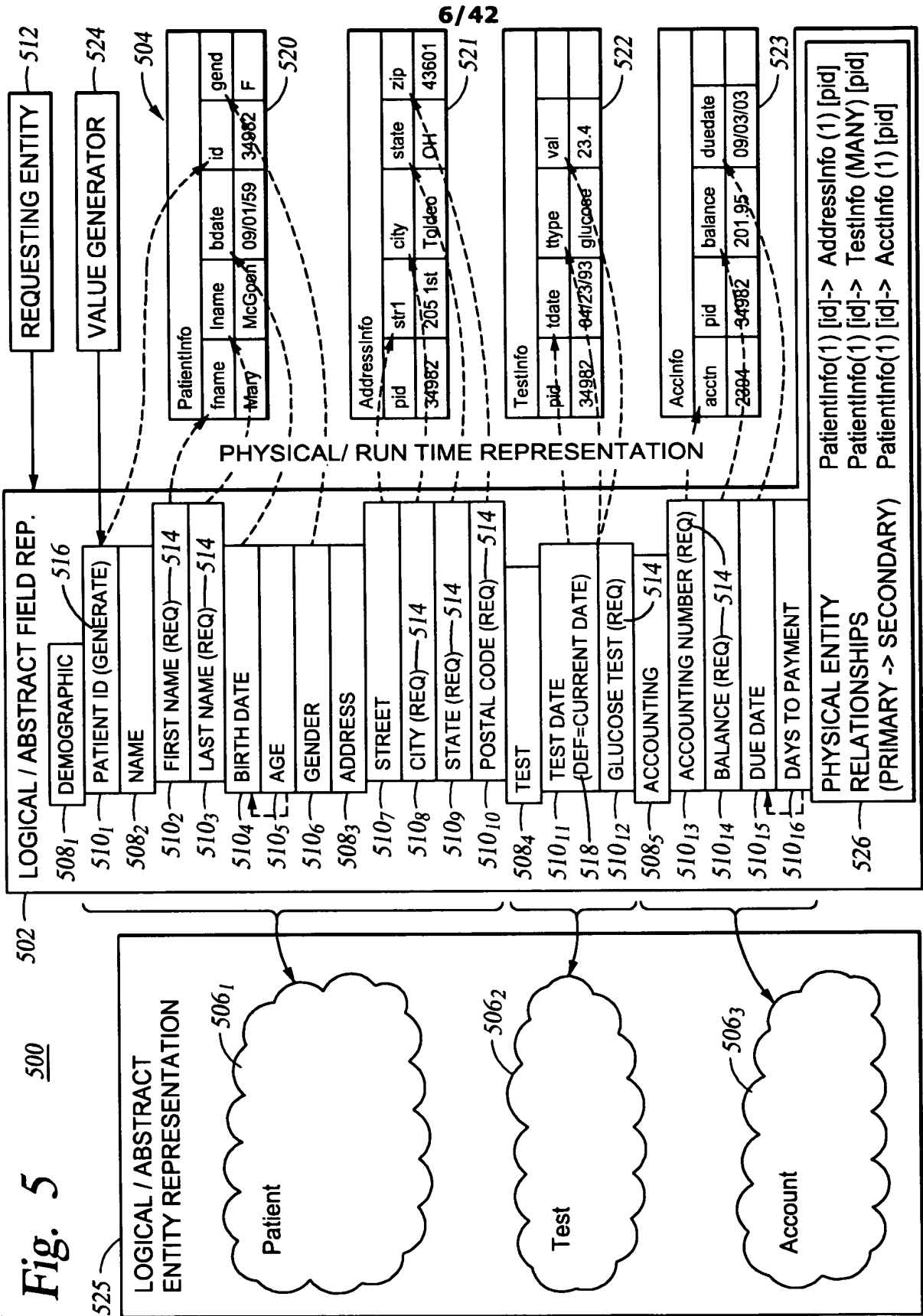


Fig. 4



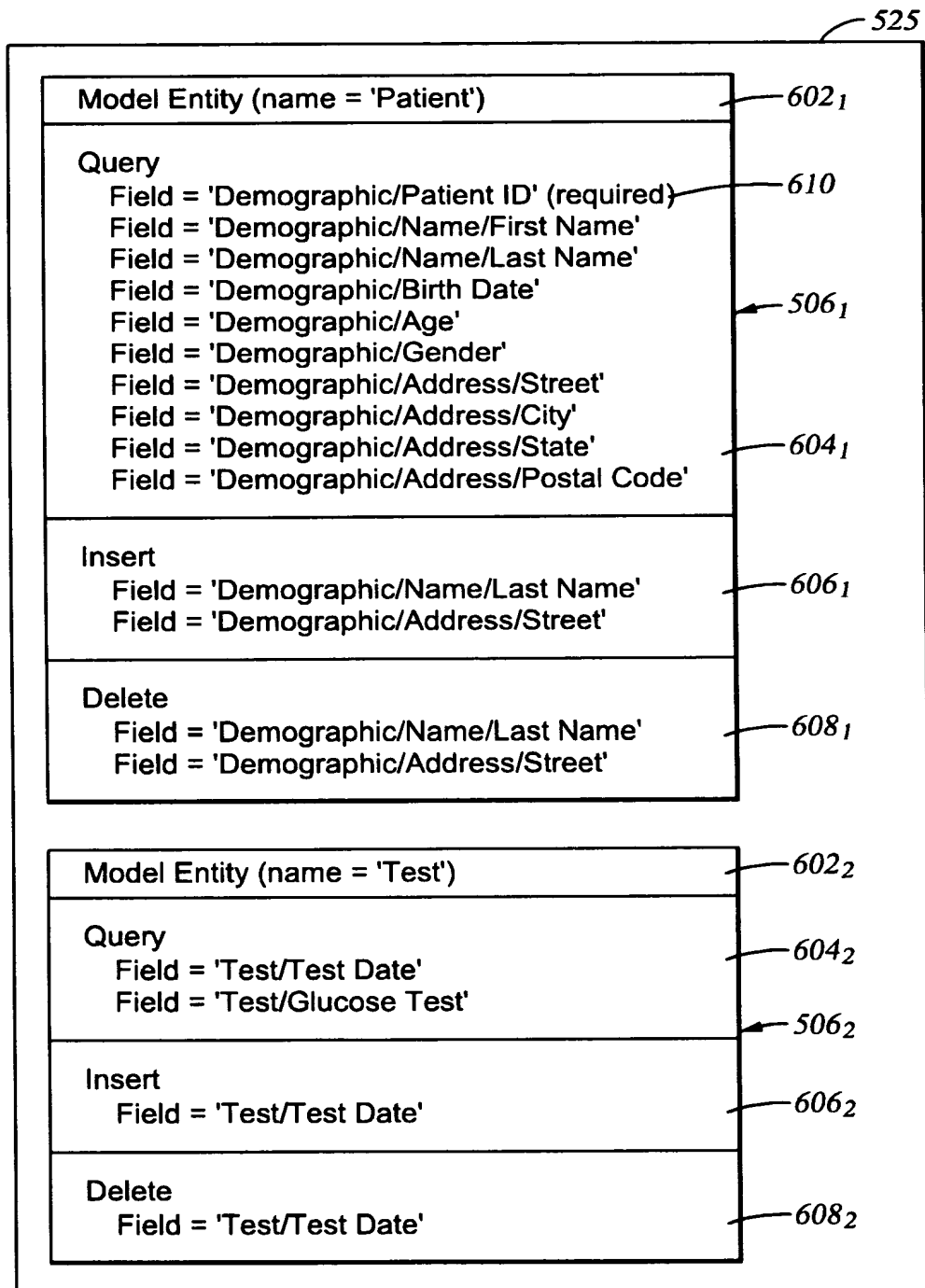


Fig. 6

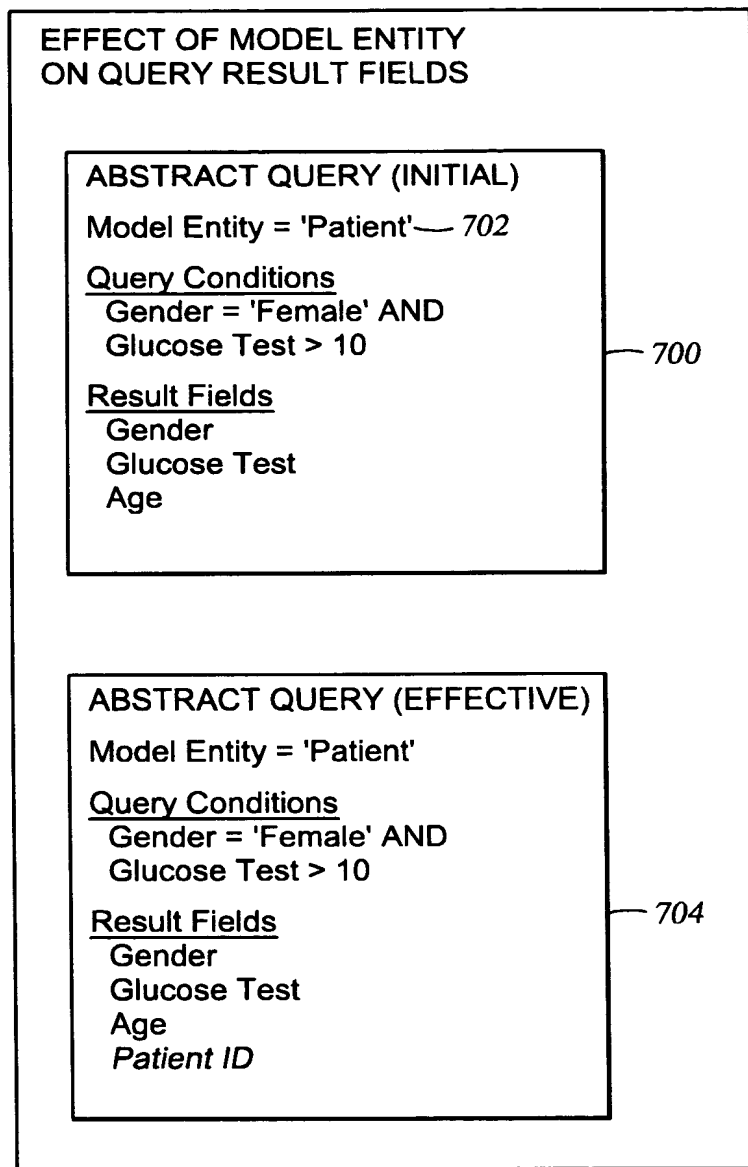


Fig. 7

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800

CREATE ABSTRACT QUERY

SELECT QUERY FOCUS
FROM LIST:

Account
Patient
Test

NEXT >>

804

802

Fig. 8

900

CREATE ABSTRACT QUERY

Query Conditions

QUERY FOCUS: Patient

ADD ...

NEXT >>

Fig. 9

900

CREATE ABSTRACT QUERY

Query Conditions

QUERY FOCUS: Patient

Gender = 'Female' AND
Glucose Test > 10

ADD ...

NEXT >>

1004

1002

Fig. 10

1100

CREATE ABSTRACT QUERY

QUERY FOCUS: Patient

ADD ...

<< BACK FINISH

Query Conditions

Gender = 'Female' AND
Glucose Test > 10

Result Fields

Patient ID

1002 1102

Fig. 11

1100

CREATE ABSTRACT QUERY

QUERY FOCUS: Patient

ADD ...

<< BACK FINISH

Query Conditions

Gender = 'Female' AND
Glucose Test > 10

Result Fields

Patient ID
Gender
Glucose Test
Age

1002 1102

Fig. 12

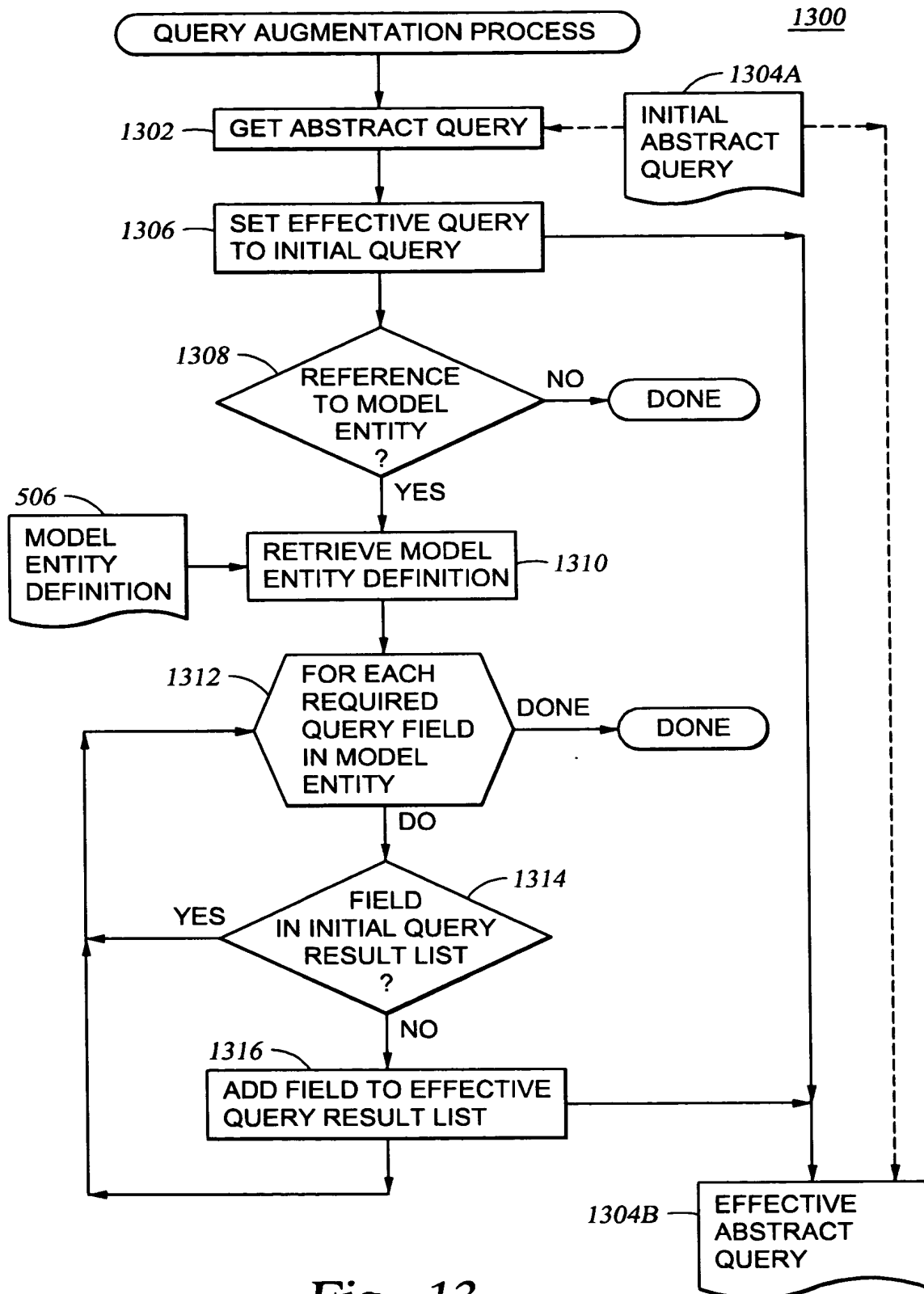


Fig. 13

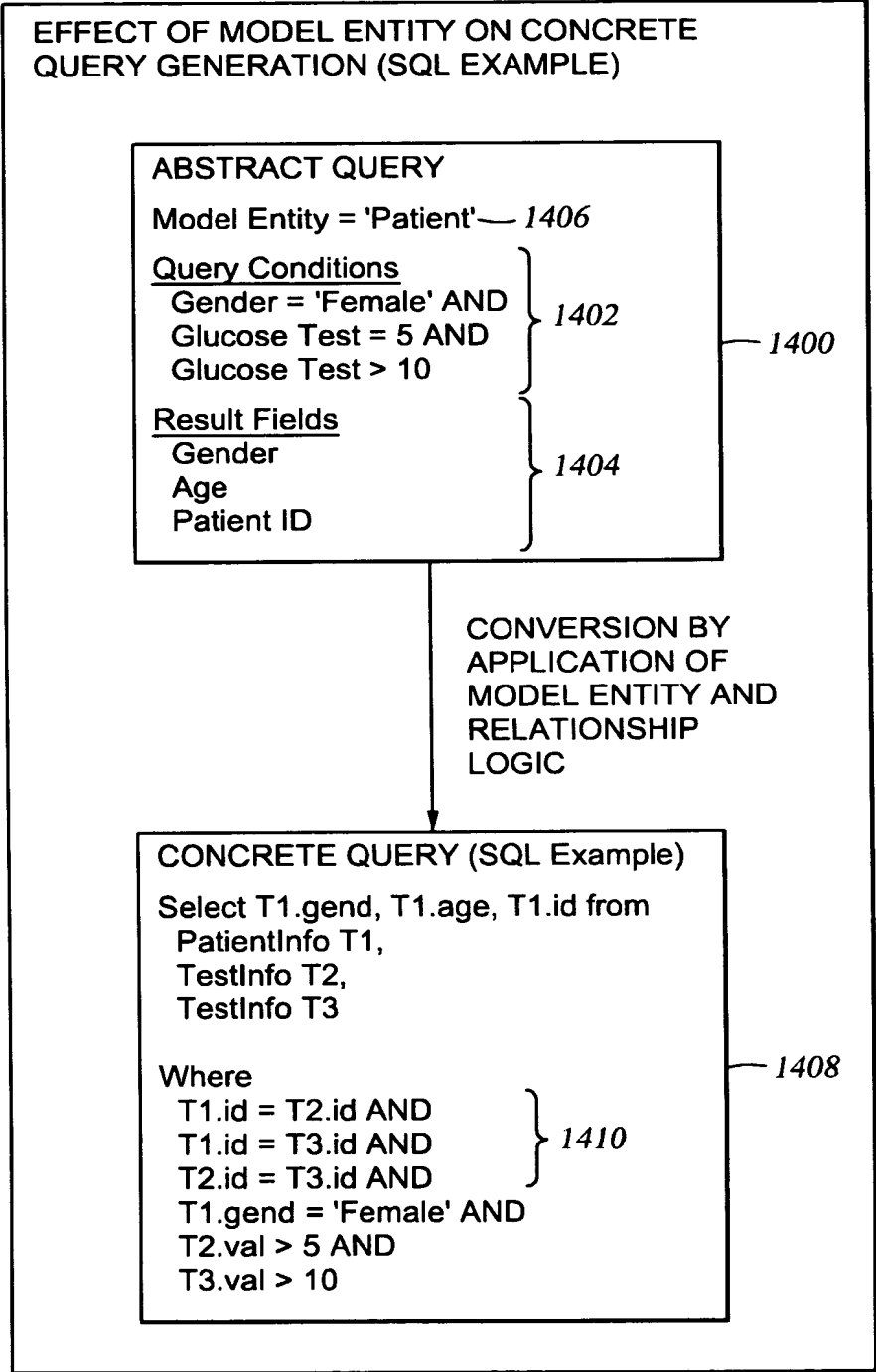


Fig. 14

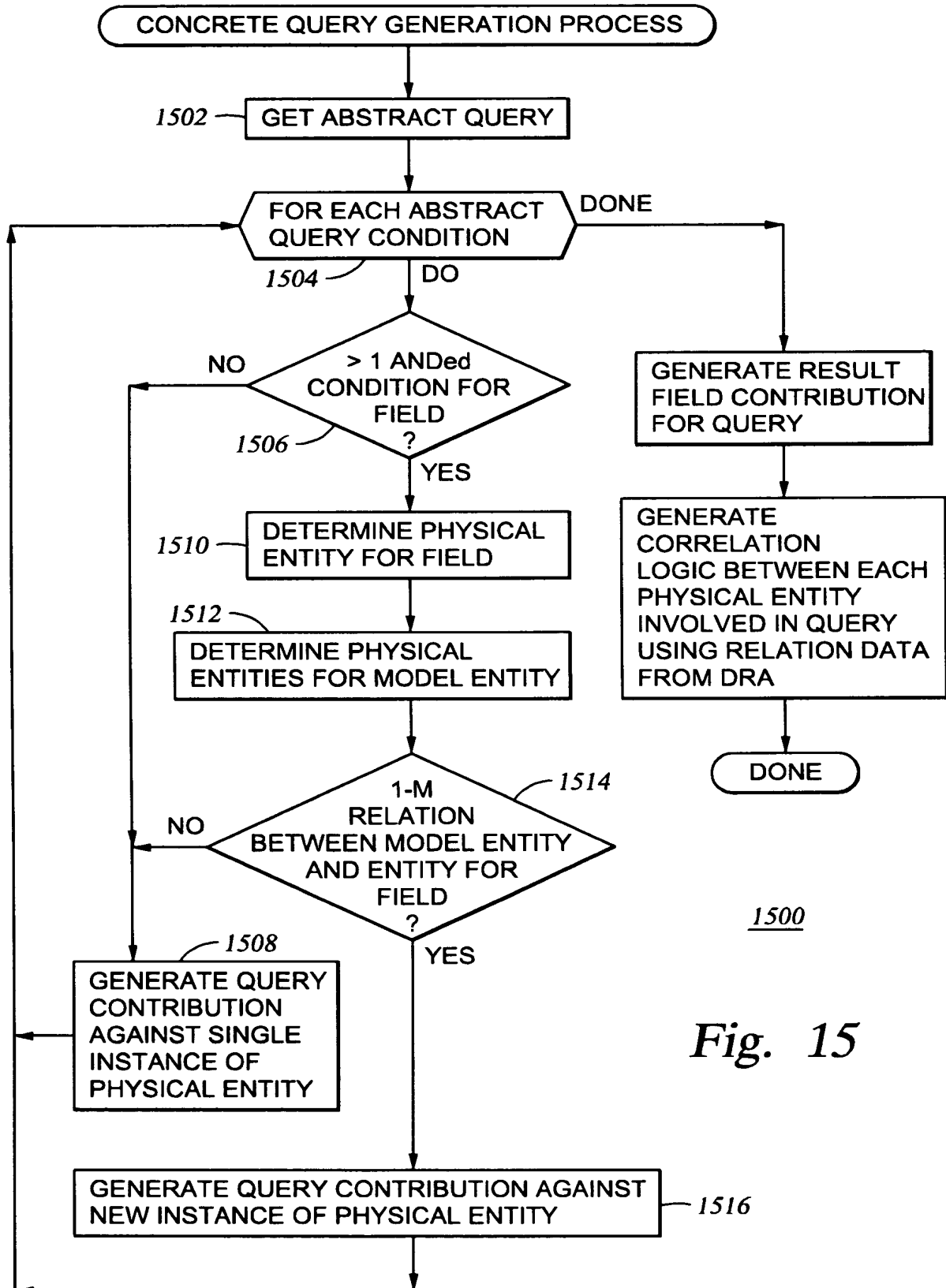


Fig. 15

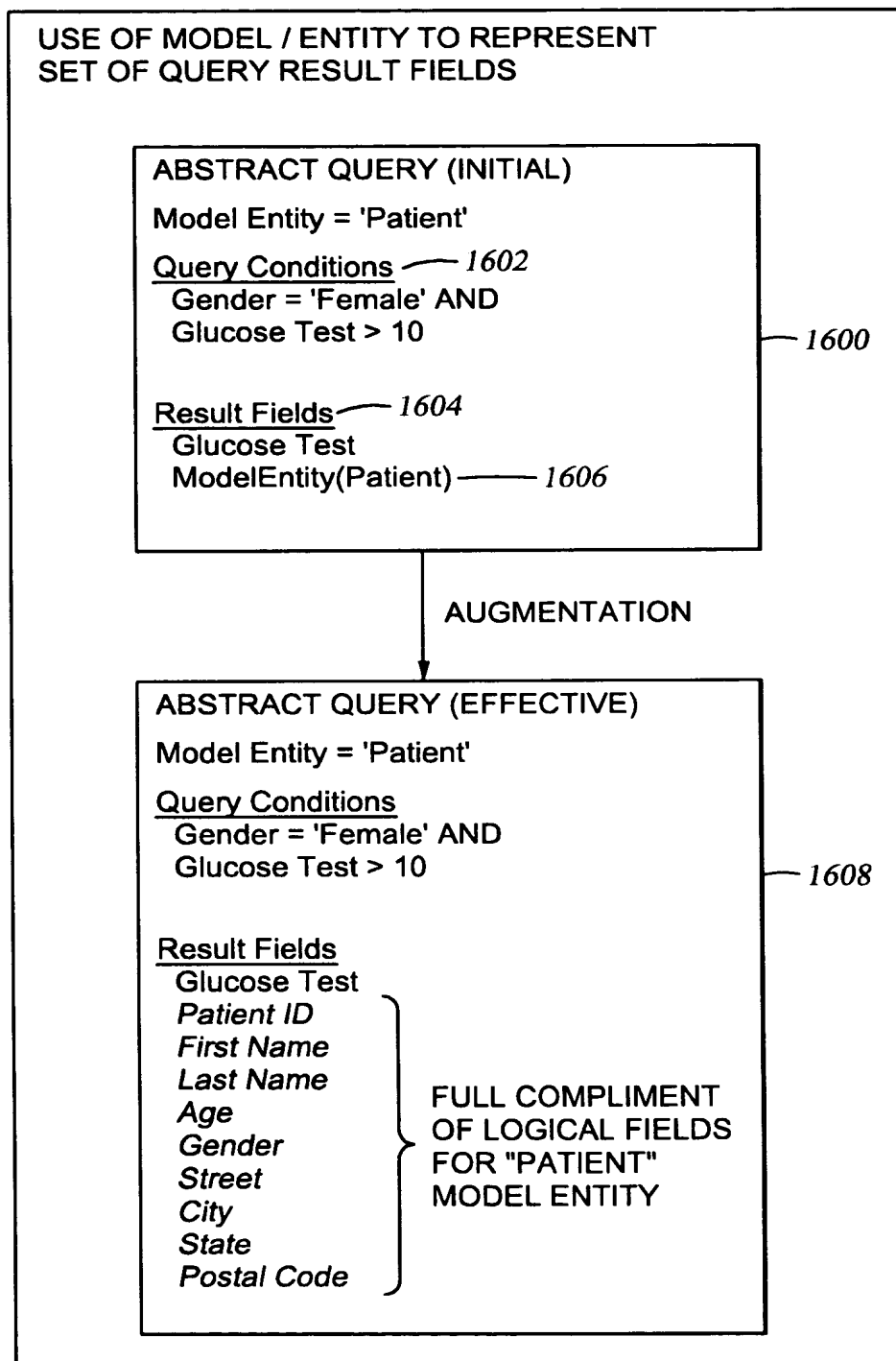
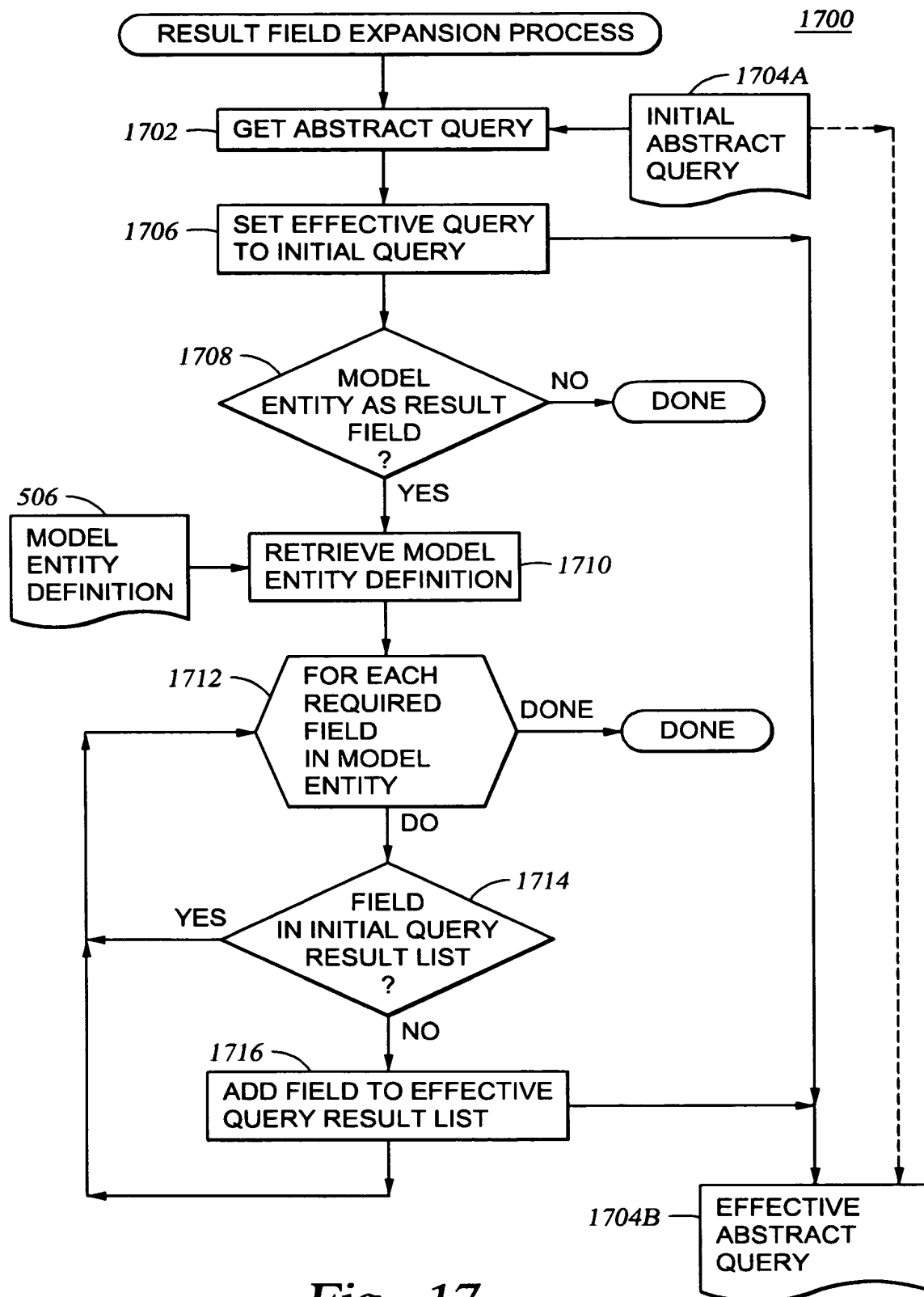


Fig. 16

*Fig. 17*

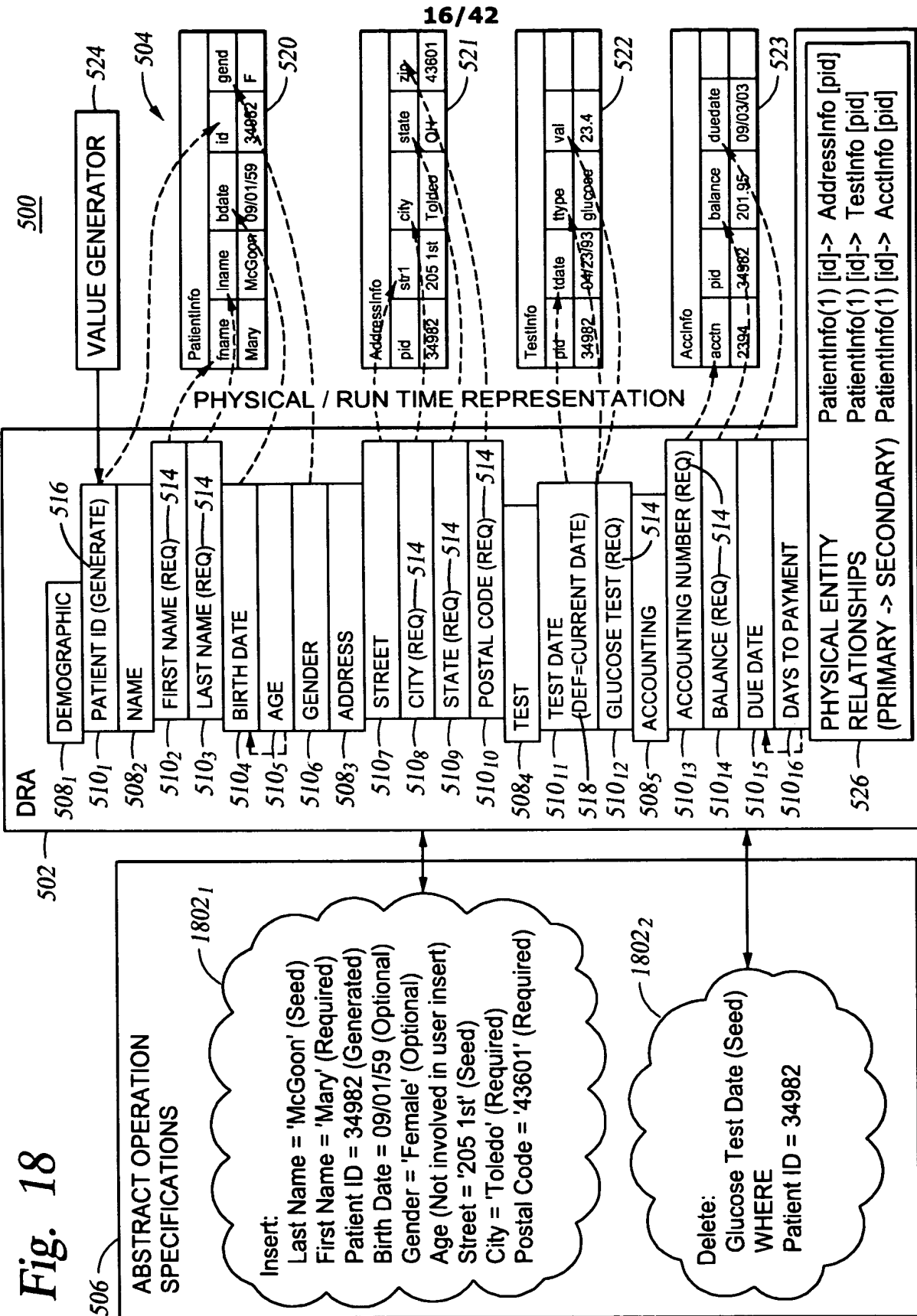
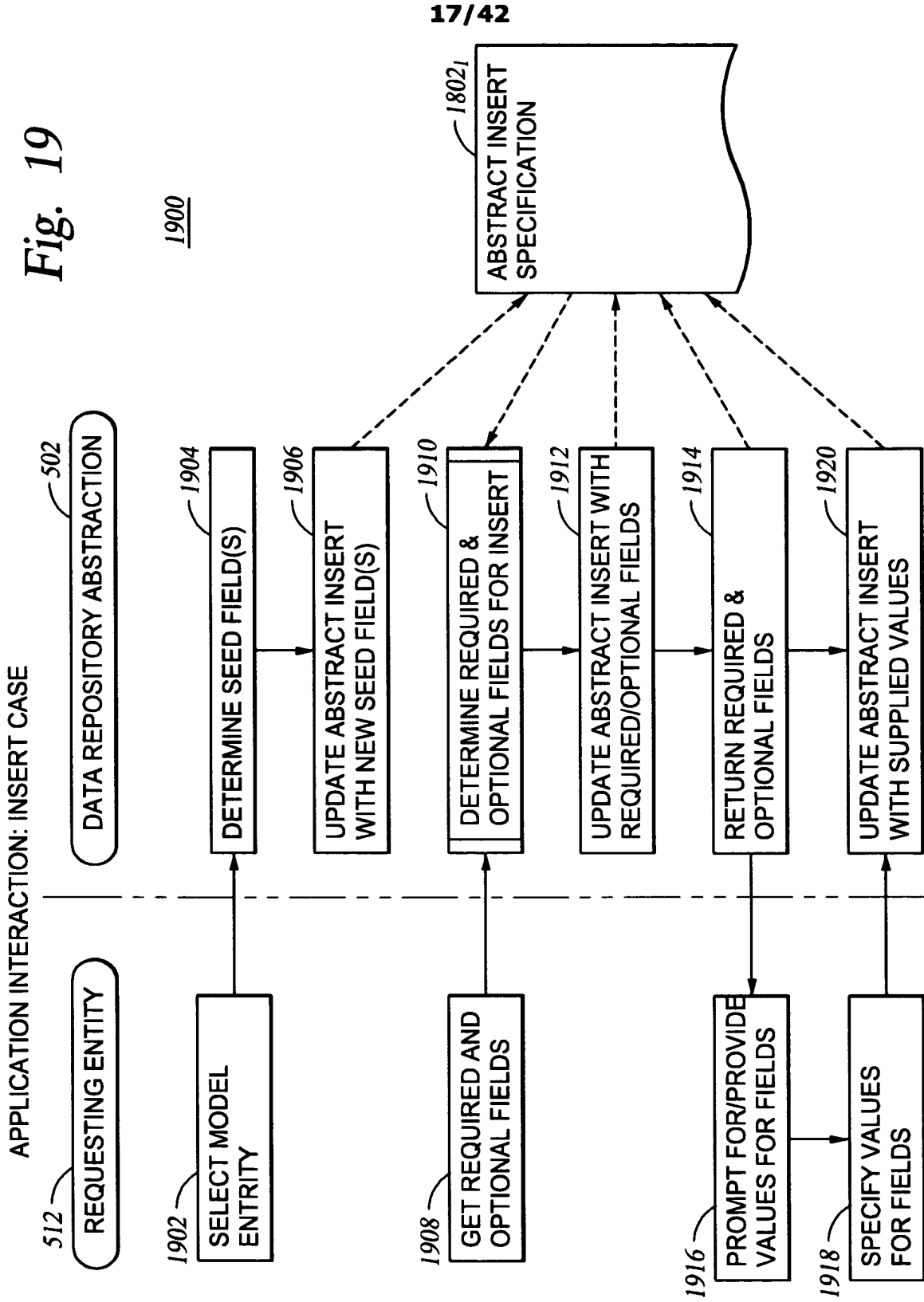
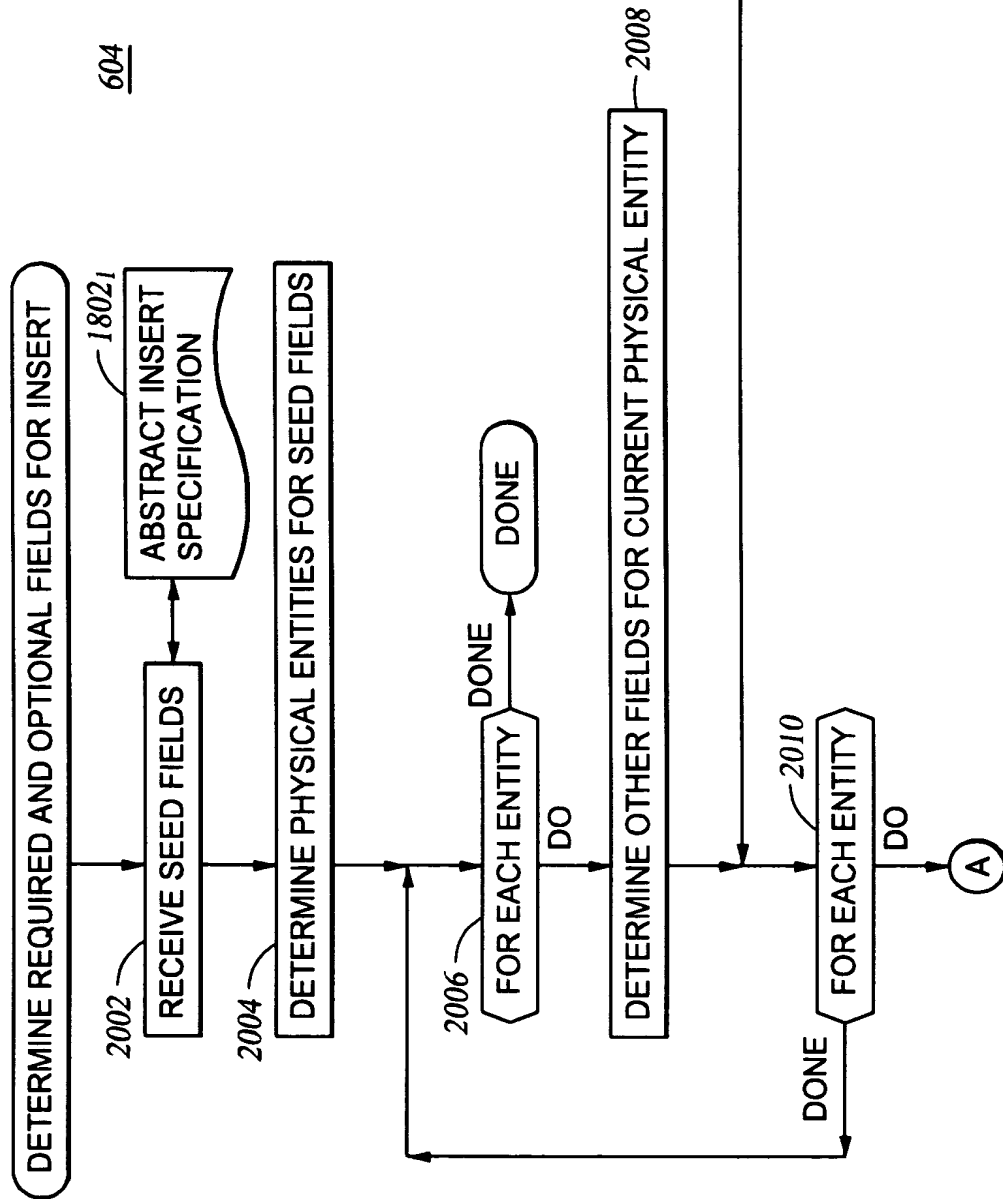
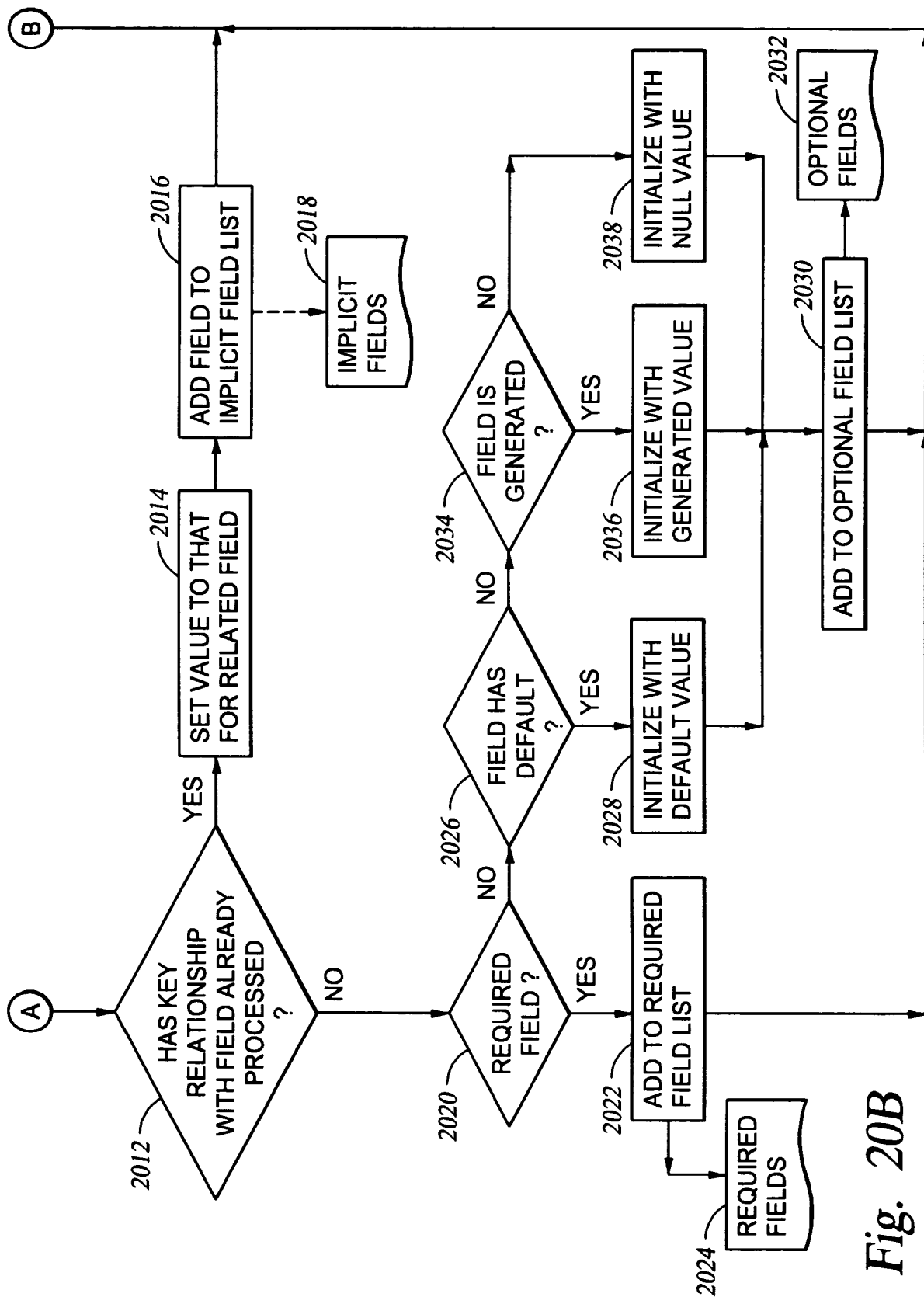


Fig. 19



APPLICATION INTERACTION: INSERT CASE





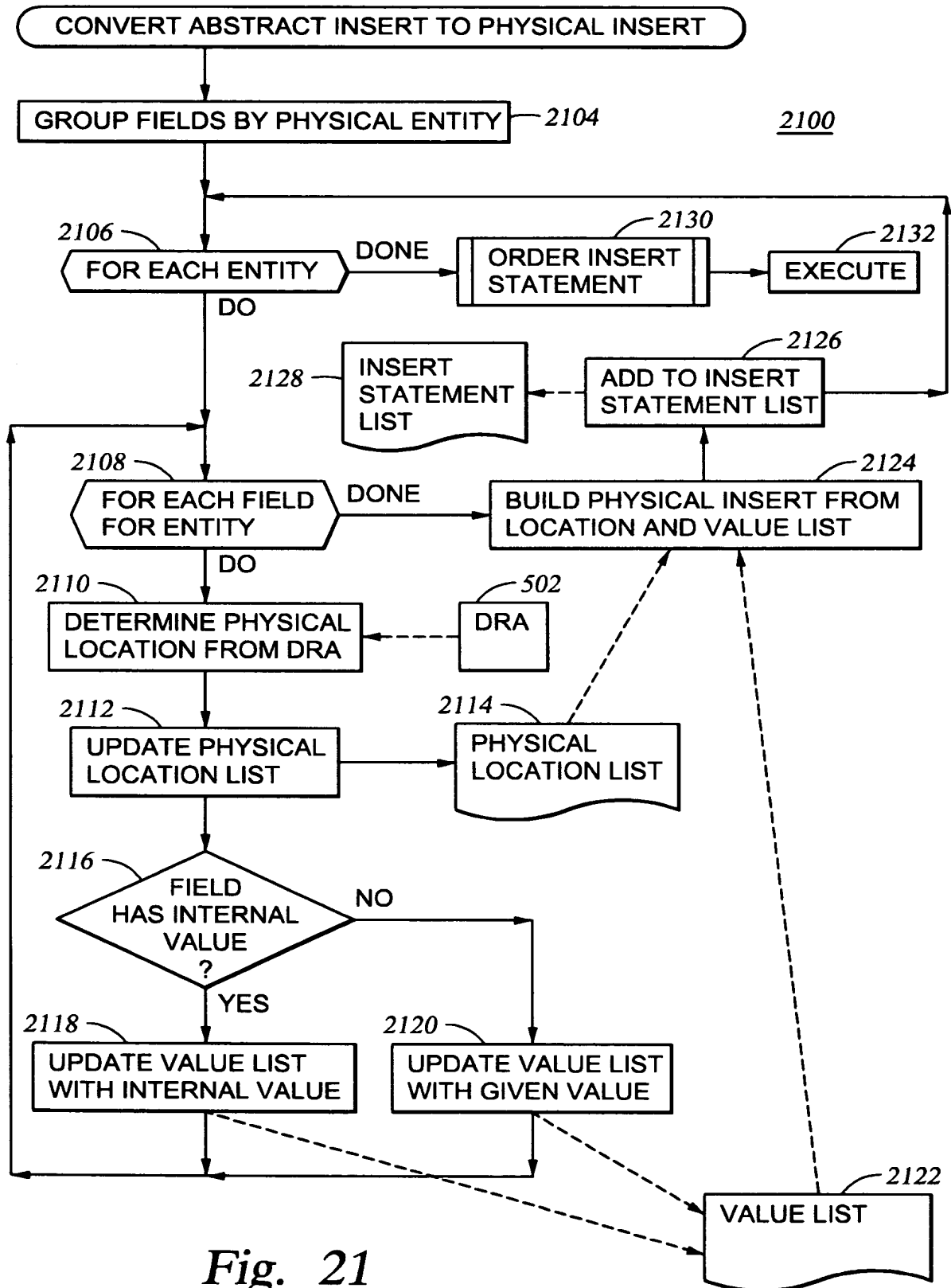
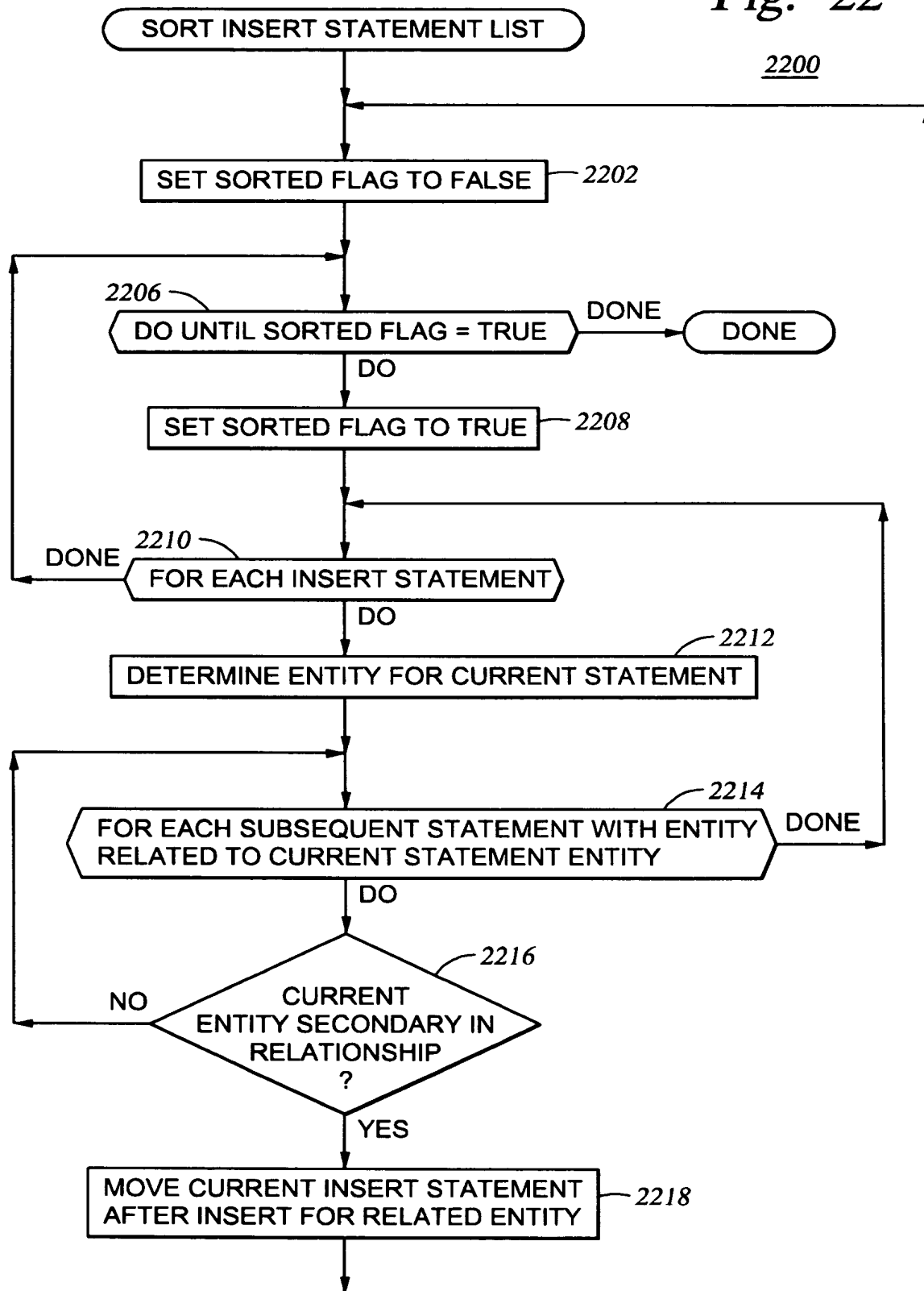


Fig. 21

Fig. 22



2300

CREATE ABSTRACT INSERT

2302

SELECT ENTITY TO INSERT:

Patient
Test
Account

2304

SELECTED ENTITY:

2306

NEXT >>

Fig. 23

2300

CREATE ABSTRACT INSERT

2302

SELECT ENTITY TO INSERT:

Patient
Test
Account

2304

SELECTED ENTITY:

Patient

2306

NEXT >>

Fig. 24

2500

CREATE ABSTRACT INSERT

ENTER VALUES TO INSERT (* = REQUIRED):

Last Name (*)

State (*)

First Name (*)

Patient ID

Birth Date

Gender

Street

City

Postal Code

2502A

2502B

2502C

34982

2502D

2502E

2502F

2502G

2502H

2502I

NEXT >>

Fig. 25

2500

CREATE ABSTRACT INSERT

ENTER VALUES TO INSERT (* = REQUIRED):

Last Name (*)	McGoon
State (*)	Ohio
First Name (*)	Mary
Patient ID	34982
Birth Date	09/01/59
Gender	Female
Street	205 1st
City	Toledo
Postal Code	43601

NEXT >>

Fig. 26

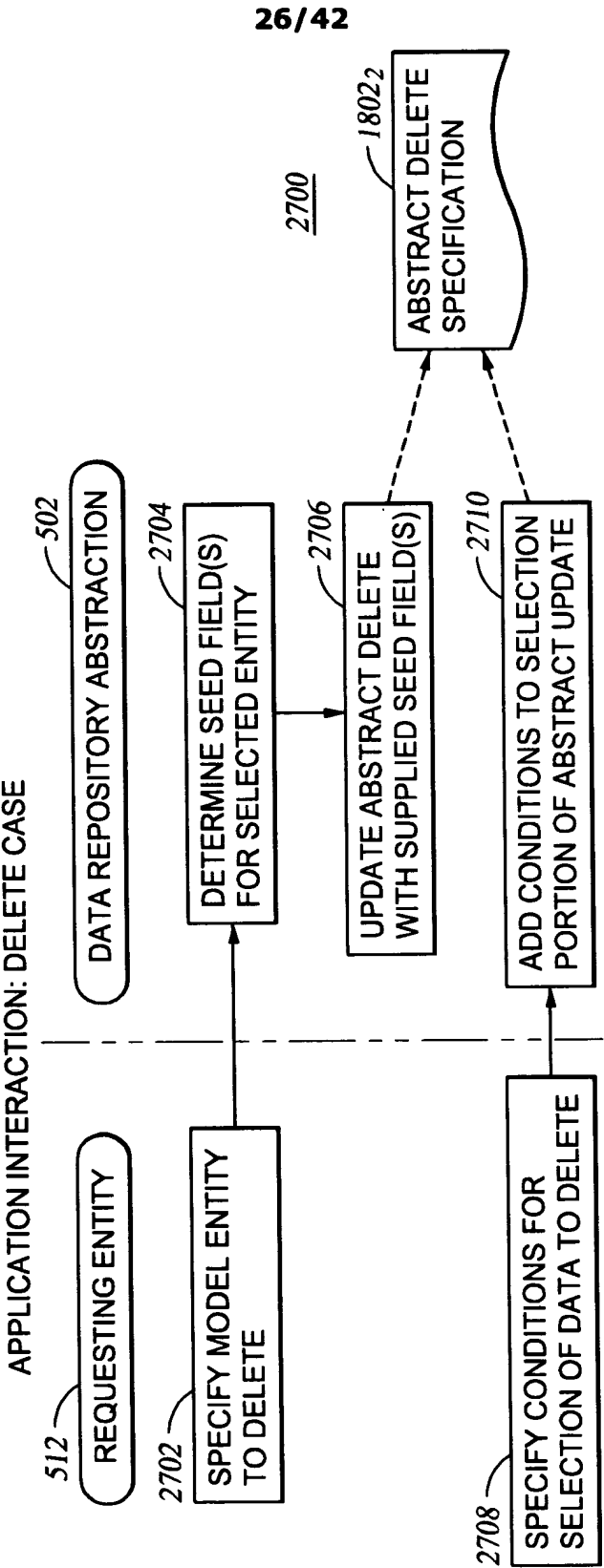


Fig. 27

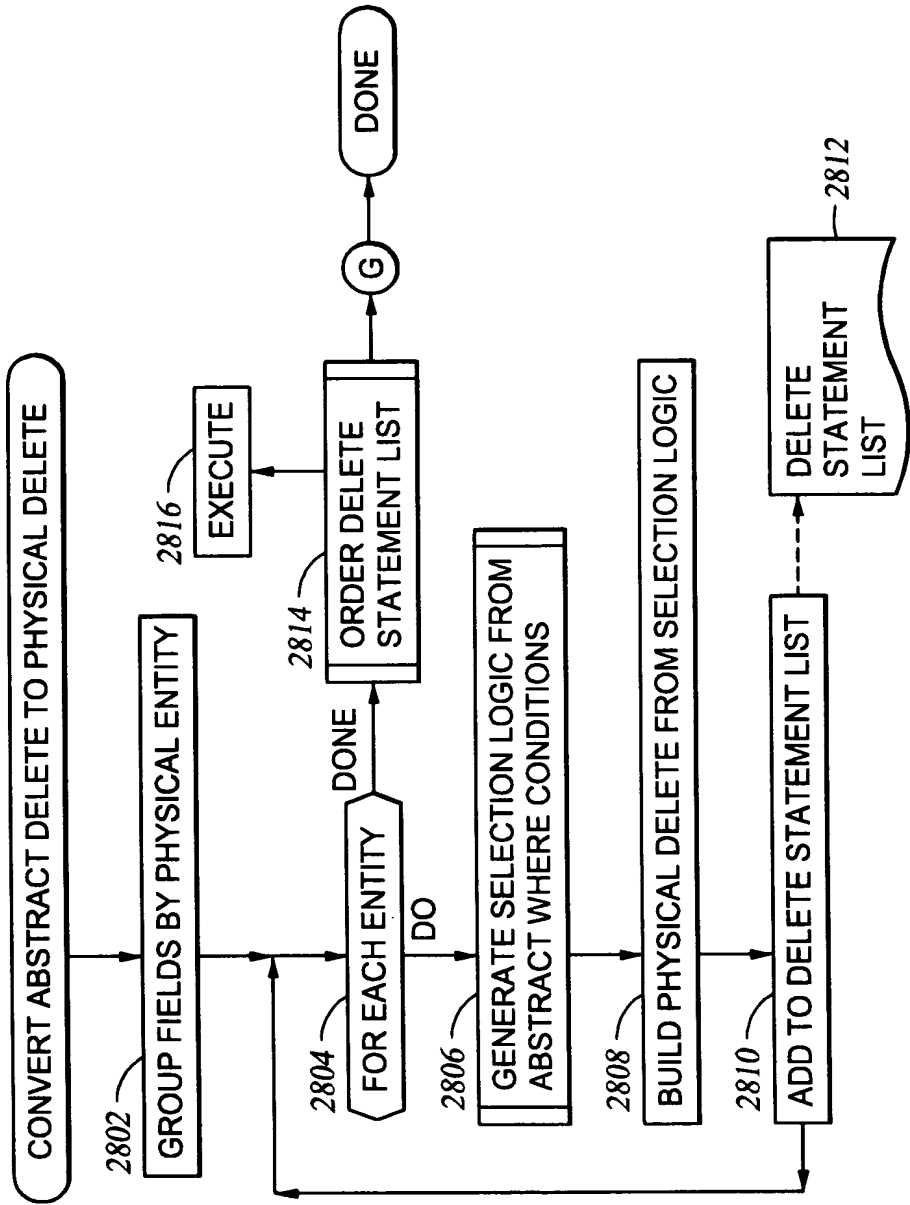


Fig. 28

2800

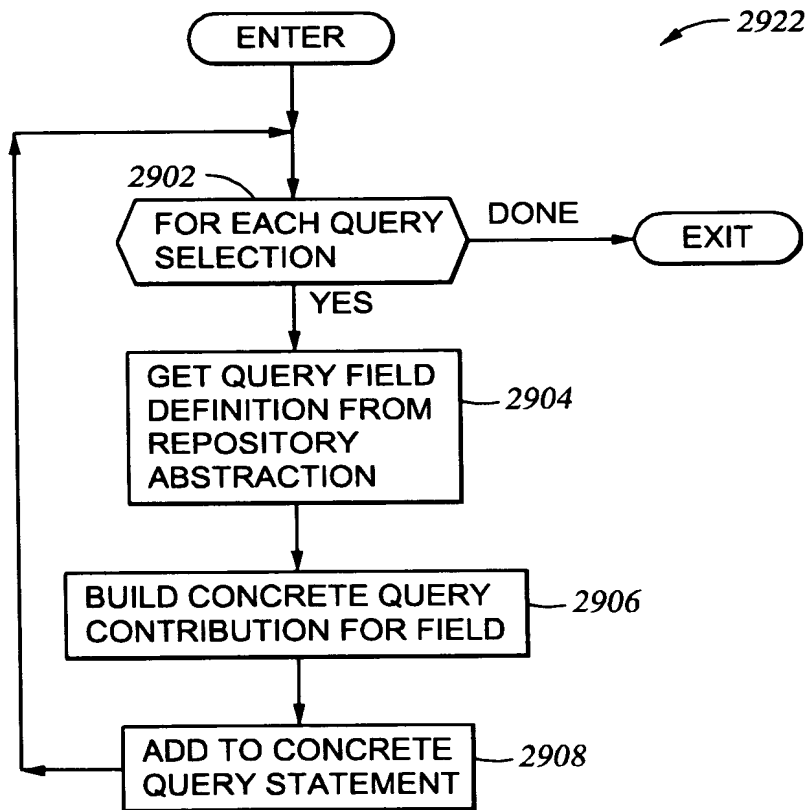
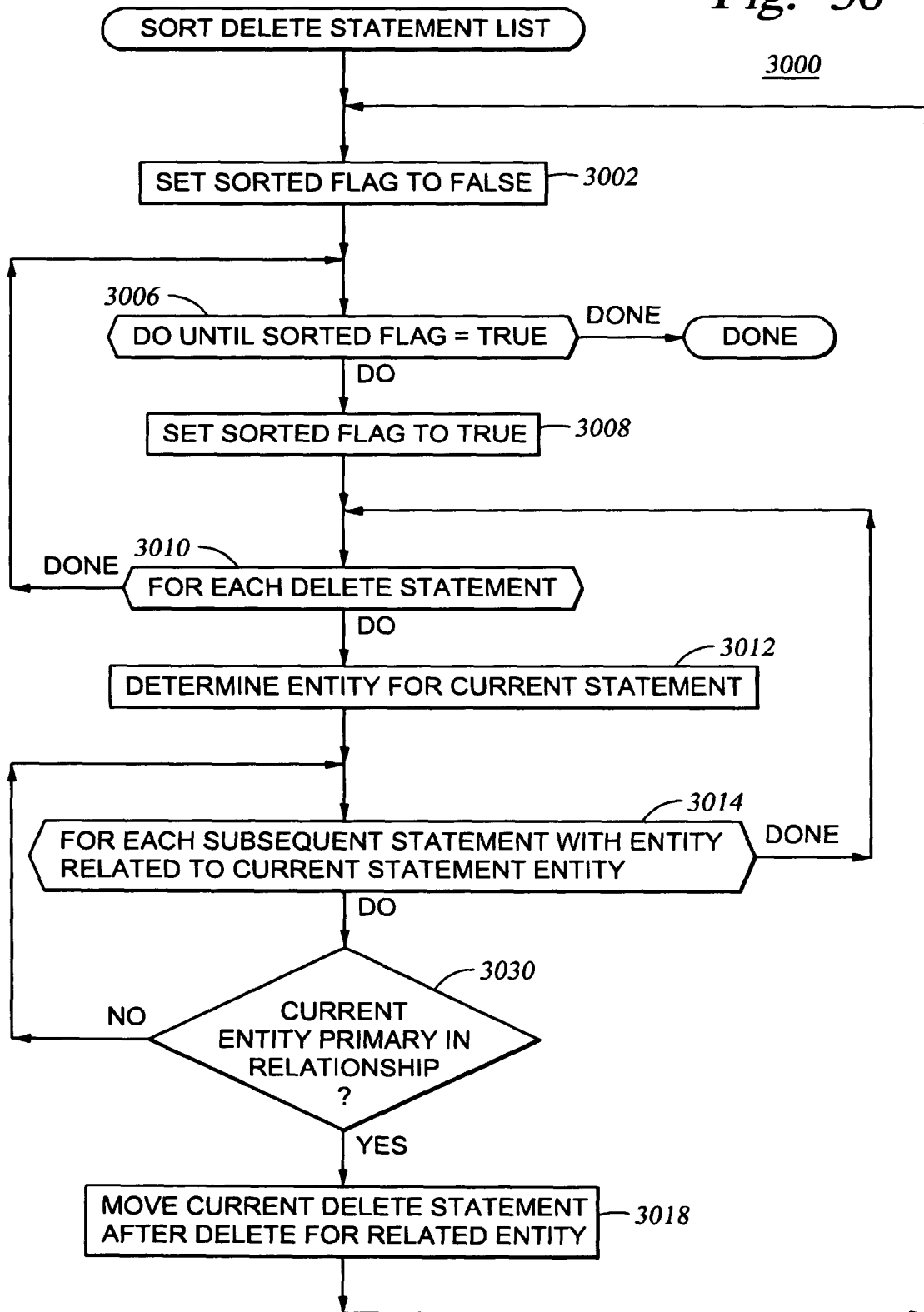
*Fig. 29*

Fig. 30



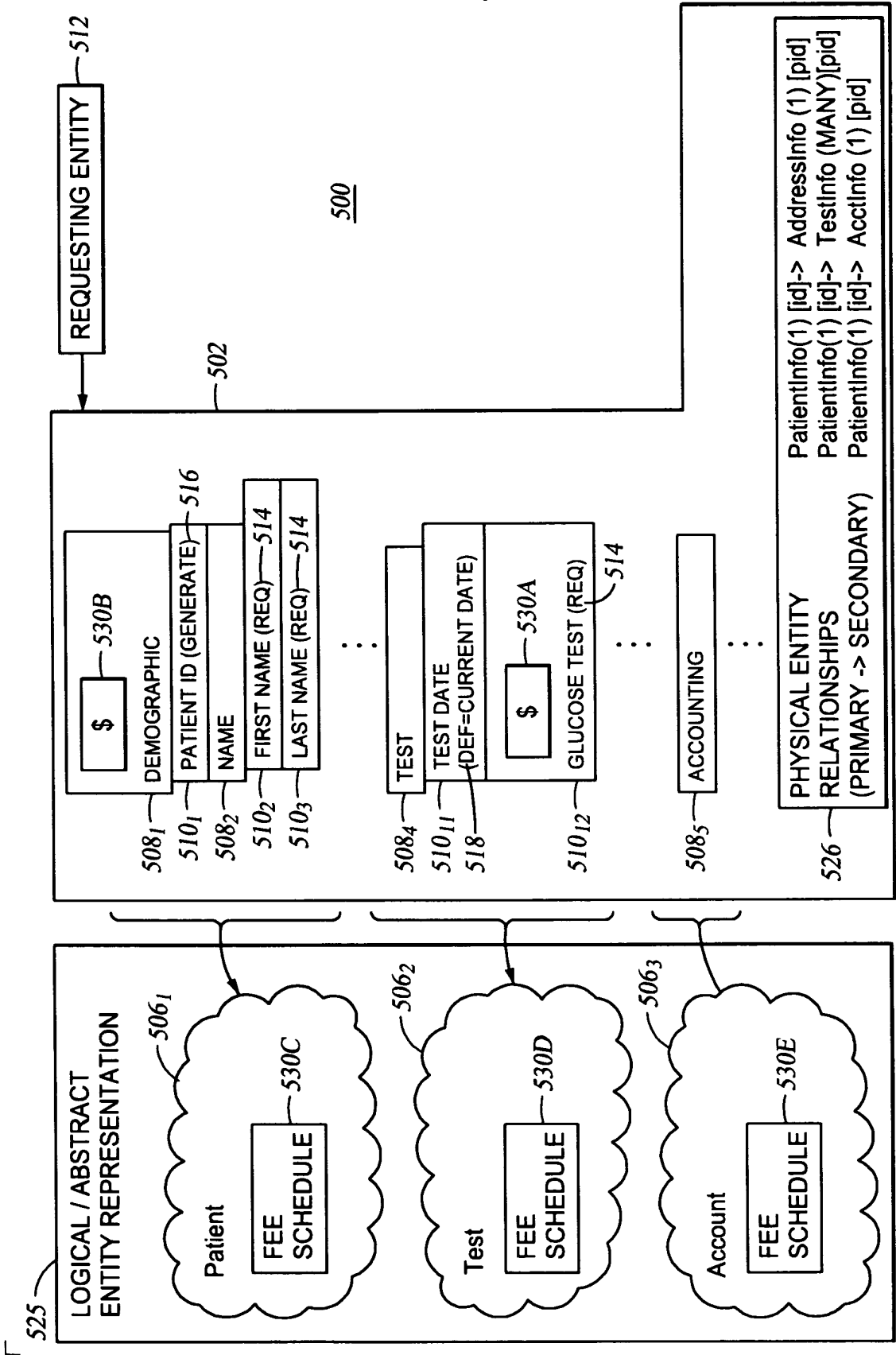


Fig. 31

508 — Category (name='Demographic')

Fee

Query=1.00 (per request)	} 530B
Insert=2.50 (per item)	
Update=0.50 (per request)	

Field (name='Patient ID')

AccessMethod='Simple'

Table='PatientInfo' Column='id'

Value='generate'

Category (name='Name')

Field (name='First Name')

AccessMethod = 'Simple'

Table='PatientInfo' Column='frame'

Value='required'

Field (name='Last Name')

AccessMethod='Simple'

Table='PatientInfo' column=lname'

Value='required'

⋮

Category (name='Test')

Field (name='Test Date')

AccessMethod='Simple'

Table='TestInfo' Column='tdate'

Value=default(Current_Date)

Field (name='Glucose Test') — 510₁₂

Fee

Query=0.50 (per item) — 530A

AccessMethod='Filtered'

Table='TestInfo' Column='val'

Filter='TestInfo.type=glucose'

Value='required'

⋮

Fig. 32

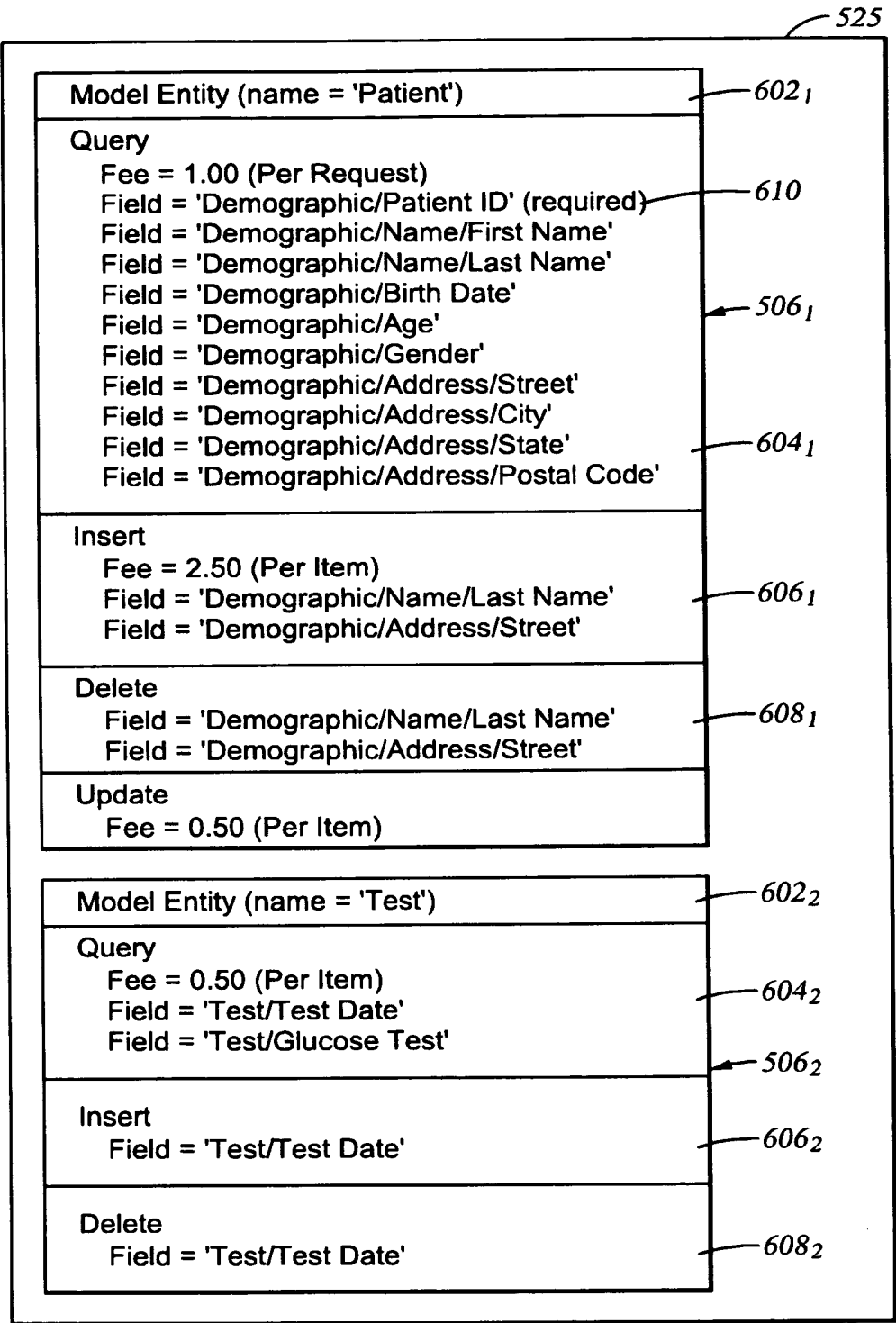
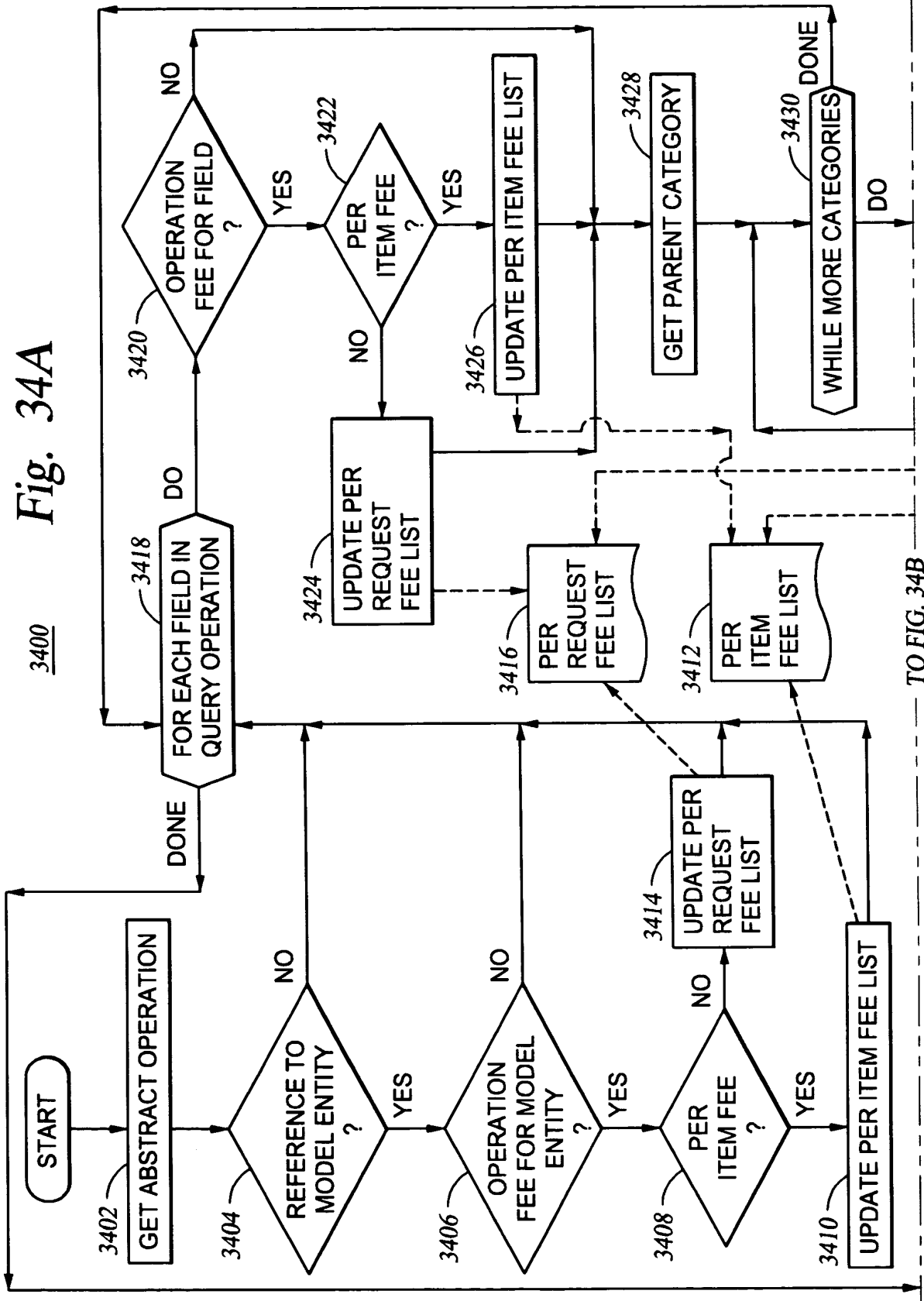
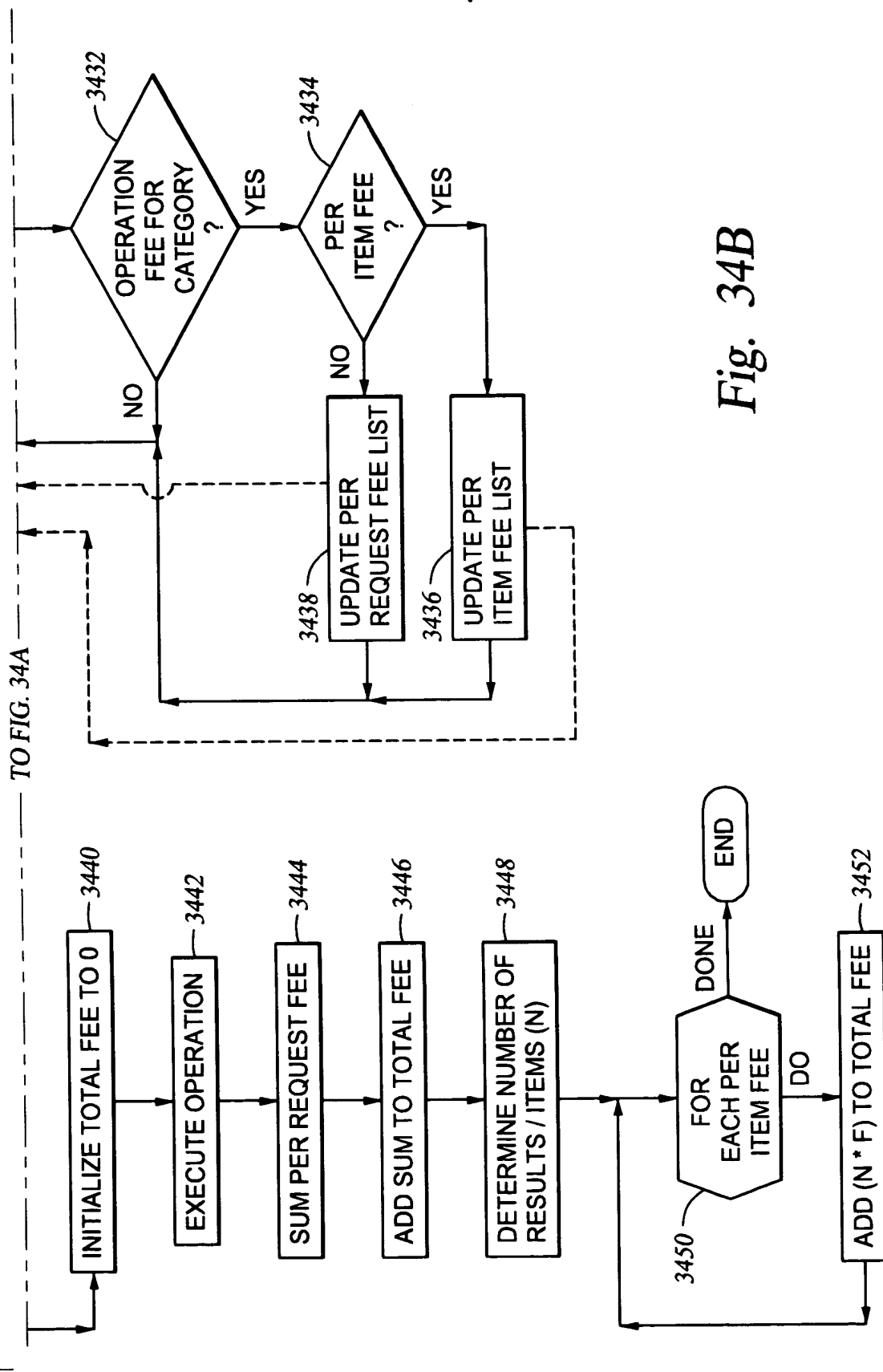


Fig. 33

Fig. 34A

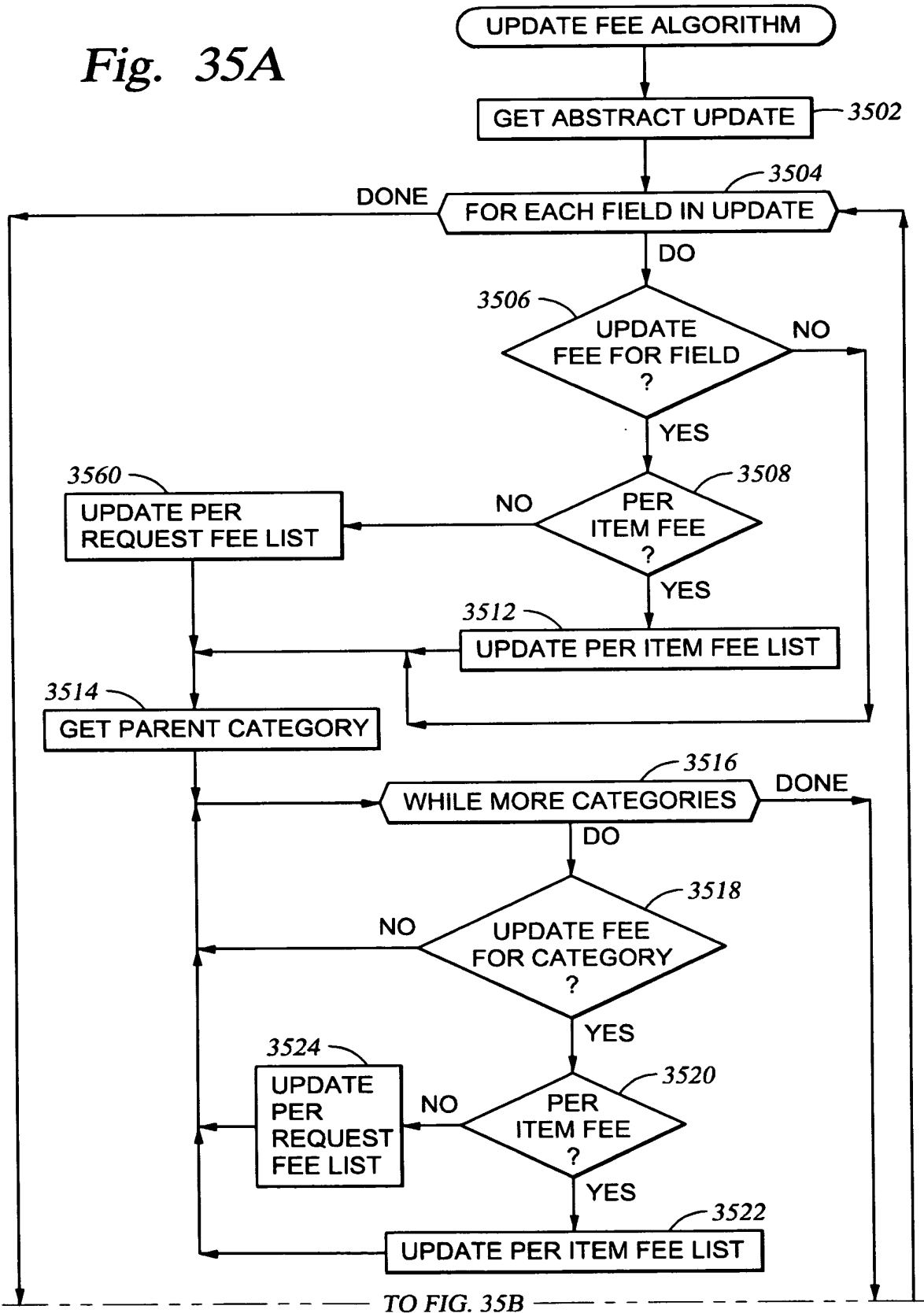


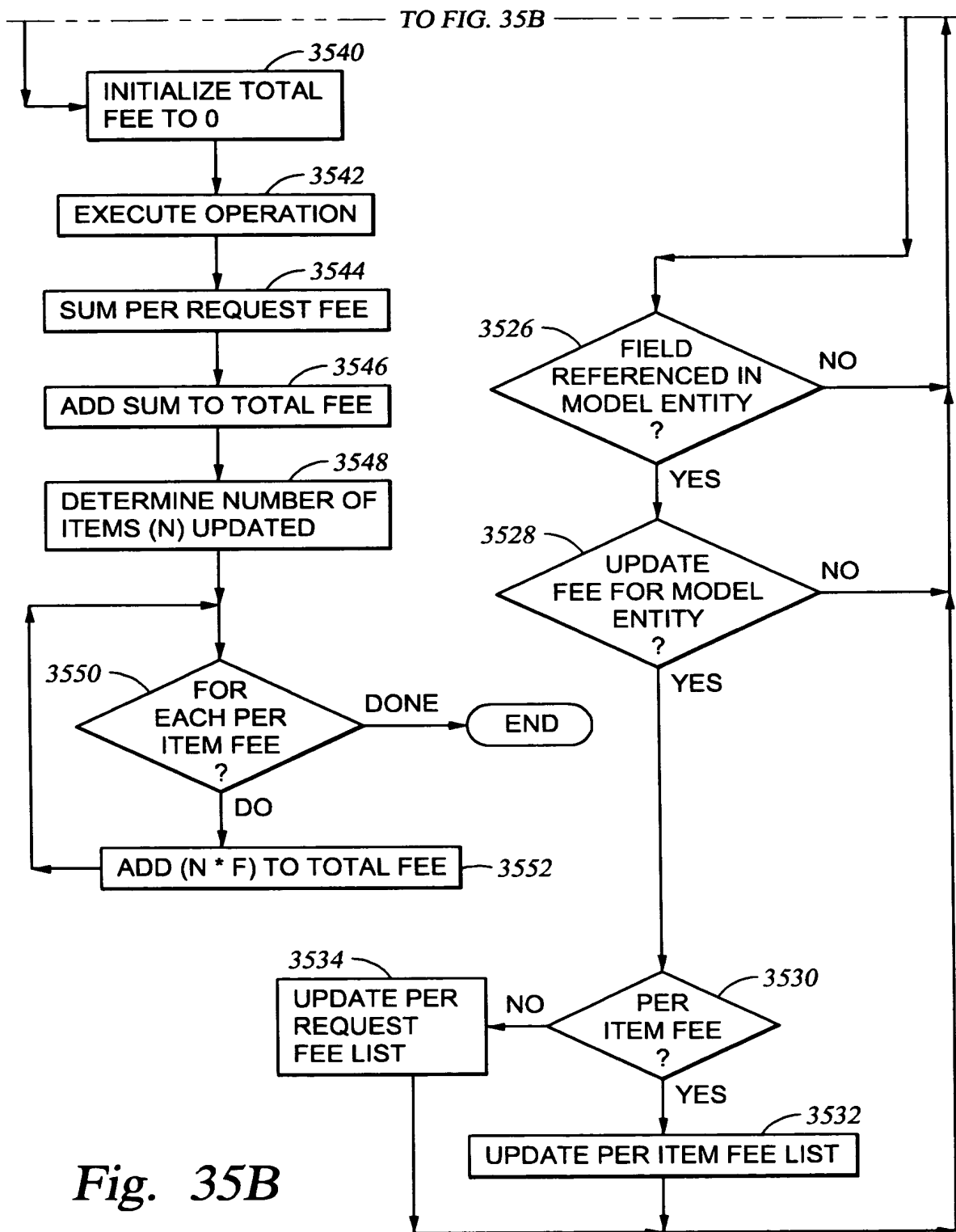
TO FIG. 34B



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Fig. 35A





3600

CREATE ABSTRACT QUERY

SELECT QUERY FOCUS FROM LIST:

3602

Account
Patient
Test

3608

NEXT >>

3604

\$0.00

PER REQUEST FEE

3606

\$0.00

PER ITEM FEE

Fig. 36

3700

CREATE ABSTRACT QUERY CONDITIONS

QUERY FOCUS: PATIENT

3704

ADD

QUERY CONDITIONS

3702

3604

PER REQUEST FEE

\$1.00

3606

PER ITEM FEE

\$0.00

3608

NEXT >>

Fig. 37

3700

CREATE ABSTRACT QUERY CONDITIONS

QUERY FOCUS: PATIENT

3704

ADD

QUERY CONDITIONS

3610

Gender='Female' AND
Glucose Test > 10

3604

PER REQUEST FEE

\$2.00

3606

PER ITEM FEE

\$0.50

3608

NEXT >>

Fig. 38

3900

CREATE ABSTRACT QUERY

QUERY FOCUS: PATIENT

3904

ADD

<< BACK

FINISH

QUERY CONDITIONS

Gender='Female' AND
Glucose Test > 10

RESULTS FIELDS

3902

Patient ID

PER REQUEST FEE

\$2.00

PER ITEM FEE

\$0.50

Fig. 39

CREATE ABSTRACT QUERY

QUERY FOCUS: PATIENT

QUERY CONDITIONS

RESULTS FIELDS

Gender='Female' AND
Glucose Test > 10

Patient ID
Gender
Glucose Test
Age

3614

ADD

<< BACK

FINISH

PER REQUEST FEE

PER ITEM FEE

\$2.00

\$0.50

Fig. 40

4100

QUERY RESULTS

Patient ID	Gender	Glucose Test	Age
192837	Female	25.0	35
876345	Male	33.2	42
253657	Male	31.3	45
883234	Female	24.3	51

<< BACK

FINISH

4102

TOTAL FEE

\$4.00

Fig. 41